

Form PTO-1449 (modified)

Atty. Docket No.

UMIC:048US/SLH

Serial No.

09/753,043

List of Patents and Publications for Applicant's

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

U.S. Patent Documents

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Foreign Patent Documents

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Other Art

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## U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	4,443,546	4/17/84	Stemerman <i>et al.</i>	435	240	2/1/82
	A2	4,533,637	8/6/85	Yamane <i>et al.</i>	435	240	5/18/82
	A3	5,063,157	11/5/91	Stockinger	435	240.2	1/11/89
	A4	5,405,772	4/11/95	Ponting	435	240.31	6/18/93
	A5	6,643,736	7/1/97	Bruder <i>et al.</i>	435	4.21	2/6/95

## Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	EP 0798374	10/1/97	Europe			
	B2	EP 481,791	4/22/92	Europe			
	B3	WO 00/06150	2/10/00	PCT			
	B4	WO 00/66178	11/9/00	PCT			
	B5	WO 95/06112	3/2/95	PCT			
	B6	WO 96/05290	2/22/96	PCT			

## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C1	Aubin <i>et al.</i> , "Isolation of bone cell clones with differences in growth, hormone responses, and extracellular matrix production," <i>J. of Cell Biol.</i> 92:452-461, 1982.
	C2	Denker <i>et al.</i> , "Formation of cartilage-like spheroids by micromass cultures of murine C3H10T1/2 cells upon treatment with transforming growth factor-beta 1," <i>Differentiation</i> 59:25-34, 1995.
	C3	Hall and Miyake, "Divide, accumulate, differentiate: cell condensation in skeletal development revisited," <i>International Journal of Developmental Biology</i> 39:881-893, 1995.

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Applicant  
Sujata Kale  
Michael W. LongFiling Date:  
December 27, 2000Group:  
1636U.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page 1Other Art  
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## Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
	C4	Harris <i>et al.</i> , "Effects of transforming growth factor beta on bone nodule formation and expression of bone morphogenetic protein 2, osteocalcin, osteopontin, alkaline phosphatase, and type I collagen mRNA in long-term cultures of fetal rat calvarial osteoblasts," <i>J. Bone Min. Res.</i> , 9(6):855-863, 1994.
	C5	Jayme, "Nutrient optimization for high density biological production applications," <i>Cytotechnology</i> 5(1):15-30, 1991.
	C6	Kale <i>et al.</i> , "Three-dimensional cellular development is essential for ex vivo formation of human bone," <i>Nat. Biotechnol.</i> , 18:954-958, 2000.
	C7	Lawson <i>et al.</i> , "Isolation and preliminary characterization of a monoclonal antibody that interacts preferentially with the liver isoenzyme of human alkaline phosphatase," <i>Clin Chem</i> , 31:381-385, 1985.
	C8	Long, "Expression of human bone-related proteins in the hematopoietic microenvironment," <i>J Clin. Invest.</i> , 86:1387-1395, 1990.
	C9	Long, "Regulation of human bone marrow-derived osteoprogenitor cells by osteogenic growth factors," <i>J. Clin. Invest.</i> , 95:881-887, 1995.
	C10	Malaval <i>et al.</i> , "Cellular expression of bone-related proteins during in vitro osteogenesis in rat bone marrow stromal cell cultures," <i>J. Cell. Phys.</i> , 158:555-572, 1994.
	C11	Miyake <i>et al.</i> , "Stage-specific onset of condensation and matrix deposition for Meckel's and other first arch cartilages in inbred C57BL/6 mice," <i>Journal of Craniofacial Genetics &amp; Developmental Biology</i> , 16:32-47, 1996.
	C12	Oberlender and Tuan, "Spatiotemporal profile of N-cadherin expression in the developing limb mesenchyme," <i>Cell Adhesion &amp; Communication</i> , 2:521-537, 1994.
	C13	Shull <i>et al.</i> , "Identification of a vitamin D responsive protein on the surface of human osteosarcoma cells," <i>Proc. Nat'l Acad. Sci. USA</i> , 86:5405-5410, 1989.
	C14	Siggelkow <i>et al.</i> , "Proliferation and Differentiation of human osteoblast—like cell in culture—an in-vivo model of osteoblast development," <i>J. of Bone and Mineral Res.</i> , 8(S1):S300, 1993.
	C15	Turksen <i>et al.</i> , "Isolation of monoclonal antibodies recognizing rat bone-associated molecules in vitro and in vivo," <i>J Histochem Cytochem</i> , 40:1339-1352, 1992.

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Exam. Init.	Ref. Des.	Citation
	C16	Wong and Tuan, "Interactive cellular modulation of chondrogenic differentiation <i>in vitro</i> by subpopulations of chick embryonic calvarial cells," <i>Developmental Biology</i> (Orlando), 167:130-147, 1995.
	C17	Woodward and Tuan, "N-Cadherin expression and signaling in limb mesenchymal chondrogenesis: stimulation by poly-L-lysine," <i>Developmental Genetics</i> , 24:178-187, 1999.
	C18	Yoo <i>et al.</i> , "The chondrogenic potential of bone-marrow-derived mesenchymal progenitor cells," <i>J. Bone Joint Surg.</i> , 80A(12):1745-1757, 1998.

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